

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000690

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F02D 41/38, G01L 7/16, H01H 35/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F02D, G01L, H01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4788525 A (BRUNO LICHTENSTEIN), 29 November 1988 (29.11.1988), column 1, line 29 - column 2, line 14 --	1-9
X	US 5337718 A (CHARLES H. TUCKEY), 16 August 1994 (16.08.1994), column 3, line 4 - column 4, line 25 --	1-9
X	FR 2521341 (HENRI DENIS EYNARD ET AL), 12 August 1983 (12.08.1983), page 1, line 1 - page 7, line 27 --	1-9

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 1 March 2005	Date of mailing of the international search report 01 -04- 2005
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Name and mailing address of the ISA/
Swedish Patent Office
Box 5055, S-102 42 STOCKHOLM
Facsimile No. +46 8 666 02 86

Authorized officer

Antonio Farieta/MN
Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1998, no. 10 31 August 1998 (1998-08-31) & JP 10125171 A (OMRON CORP), 15 May 1998 (1998-05-15) abstract and figures</p> <p>--</p>	1-13
A	<p>EP 0777247 A2 (TOYODA KOKI KABUSHIKI KAISHA), 4 June 1997 (04.06.1997), column 1, line 13 - column 4, line 6</p> <p>--</p>	1-13
A	<p>EP 0565028 A1 (EATON CORPORATION), 13 October 1993 (13.10.1993), column 1, line 3 - column 2, line 45</p> <p>-- -----</p>	1-13

INTERNATIONAL SEARCH REPORT

information on patent family members

30/01/2005

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